

PUBLIC NOTICE
THIS NOTICE IS BEING DISTRIBUTED TO ALL IRONTON WATER CUSTOMERS

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Ironton Had Levels of Disinfection Byproducts Above Drinking Water Standards

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

Analyte	Locational Running Annual Avg (LRAA) for Period ending June 30, 2016	LRAA Unit of Measure (UOM)	MCL	MCL UOM
TTHM	87	UG/L	80	UG/L

We routinely monitor for the presence of drinking water contaminants. Testing results, based on a locational running annual average (LRAA) of quarterly samples, show that our system exceeded the standard or maximum contaminant level (MCL). (See table above.)

What should I do?

- You do NOT need to use an alternative (e.g., bottled) water supply. However, if you have specific health concerns, consult your doctor.

What does this mean?

- This is not an immediate risk. If it had been, you would have been notified immediately.
- Disinfection Byproducts (DBPs) are formed when chlorine combines with naturally occurring organic matter in the water. Disinfection is necessary to inactivate harmful microbes, such as bacteria and viruses, which may be present in untreated water. Regulated DBPs include Total Trihalomethanes (TTHMs). The MCL is based on long-term exposure of drinking two liters (about two quarts of water every day for seventy years). Some people who drink water containing TTHMs in excess of the MCL over many years may experience problems with their liver, kidneys or central nervous system, and may have an increased risk of getting cancer.
- The violation was over a 12-month period. This is a relatively short time, compared to the standard of seventy years.
- The annual average was 7 parts per billion above the maximum contaminant level, which is a relatively small amount.

What happened? What is being done?

- Our water system had excess capacity, so drinking water was remaining in the water system too long. In order to assure sufficient water supply, our water system should have a capacity of 2-3 days' worth of the amount of normal usage. Our water system had a capacity of about 5 days' worth of the amount of normal usage.
- To resolve the excess capacity, we removed one of our water storage tanks from the water system. This reduced our water system capacity to the necessary 2-3 days' worth of the amount of normal usage.
- Water sampling, taken in September, 2016, met the drinking water standard.
- We are sampling more frequently to ensure the water remains fresh.

Please contact Ironton City Hall (573-546-3545) for more information or visit us at 123 N. Main Street. Additionally, you may contact the Missouri Department of Natural Resources Southeast Regional Office at 573-840-9750 or the Public Drinking Water Branch at 573-526-6925.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice has been sent to you by the City of Ironton
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